

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1-10. (canceled)

11. (previously presented) A resin composition (c) which is based on polyethylene, comprising

99.3% - higher than 50% of a polyethylene resin (a1) having a melt flow rate (MFR) according to ASTM D 1238 (190°C, 2160 g load) in the range from 0.001 to 0.5 g/10 min. and a density in the range from 0.945 to 0.980 g/cm³, 0.2-20% of a modified ethylene/ α -olefin copolymer (a2) which is modified by having grafted thereon an unsaturated dicarboxylic acid or its anhydride and has a density in the range from 0.900 to 0.940 g/cm³ and

0.5-30% of an ethylene/vinyl alcohol copolymer (b),

based on the weight of the composition,

and having a melt flow rate (MFR) according to ASTM D 1238 (190°C, 2160 g load) in the range from 0.001 to 0.2 g/10 min., a density in the range from 0.940 to 0.970 g/cm³ and an Izod impact strength (with notch), determined according to ASTM D 256 at minus 40°C, of at least 100 J/m.

12. (previously presented) A resin composition (c) which is based on polyethylene, comprising

99-65% of a polyethylene resin (a1) having a melt flow rate (MFR) according to ASTM D 1238 (190°C, 2160 g load) in the range from 0.001 to 0.5 g/10 min. and a density in the range from 0.945 to 0.980 g/cm³,
0.5-15% of a modified ethylene/ α -olefin copolymer (a2) which is modified by having grafted thereon an unsaturated dicarboxylic acid or its anhydride and has a density in the range from 0.900 to 0.940 g/cm³ and

1-25% of an ethylene/vinyl alcohol copolymer (b),

based on the weight of the composition,
and having a melt flow rate (MFR) according to ASTM D 1238 (190°C, 2160 g load) in the range from 0.001 to 0.2 g/10 min., a density in the range from 0.940 to 0.970 g/cm³ and an Izod impact strength (with notch), determined according to ASTM D 256 at minus 40°C, of at least 100 J/m.

13. (previously presented) The resin composition (c) based on polyethylene as claimed in claim 11, wherein the proportion of

the graft-modifying component relative to the entire resin composition (c) is 100-1,500 ppm.

14. (previously presented) The resin composition (c) based on polyethylene as claimed in claim 12, wherein the proportion of the graft-modifying component relative to the entire resin composition (c) is 100-1,500 ppm.

15. (previously presented) The resin composition based on polyethylene as claimed in claim 11, which is obtained by crushing a multilayered article and/or is a regrind of scraps of a multilayered article.

16. (previously presented) The resin composition based on polyethylene as claimed in claim 12, which is obtained by crushing a multilayered article and/or is a regrind of scraps of a multilayered article.

17. (previously presented) The resin composition based on polyethylene as claimed in claim 11, wherein the amount of unsaturated dicarboxylic acid or its anhydride grafted on the copolymer (a2) is in the range from 0.05 to 5% by weight.

18. (currently amended) The resin composition based on polyethylene as claimed in claim 12, wherein the amount of unsaturated dicarboxylic acid or its anhydride grafted on the copolymer (a2) is in the range from 0.05 to 5% by weight.